

WHAT IS CLAIMED IS:

1. A landfill cover composition comprising a concentrate characterized by a hardening agent, a thickener and emulsifier, and a super absorbent polymer for mixing with water and a filler material for application as at least
5 temporary cover for a landfill refuse layer.
2. The composition set forth in Claim 1 wherein:
said hardening agent comprises Plaster of Paris.
3. The composition set forth in Claim 1 wherein:
said thickener and emulsifier comprises guar gum.
4. The composition set forth in Claim 1 wherein:
said super absorbent polymer comprises cross-linked sodium acrylate polymer.
5. The composition set forth in Claim 1 wherein:
said filler material comprises a biodegradable material selected from a group consisting of cellulose and wood fiber mulch.
6. The composition set forth in Claim 1 wherein:
said concentrate is provided in dry bulk containers comprising about 75 to 91 percent by weight of hardening agent, 2.5 to 3.0 percent by weight of thickener
5 and emulsifier, and 2.5 to 3.0 percent by weight of super absorbent polymer.
7. The composition set forth in Claim 6 wherein:
said concentrate includes a quantity of biodegradable dry mulch in the amount of about 0 to 18 percent by weight.

8. The composition set forth in Claim 6 including:
a refuse degrading agent in the amount of 2.50 to 3.0 percent by weight of said concentrate.

9. The composition set forth in Claim 1 wherein:
said concentrate is provided in an amount of about 6.0 to 7.3 percent by weight of a mixture of said concentrate, said filler material and water.

10. The composition set forth in Claim 9 wherein:
said filler material is provided in the amount of about 9.0 to 10.4 percent by weight of said mixture.

11. A landfill cover composition comprising a concentrate characterized by a hardening agent, a thickener and emulsifier, and a super absorbent polymer for mixing with water and a filler material for application as at least
5 temporary cover for a landfill refuse layer wherein said hardening agent comprises a Plaster of Paris composition, said thickener and emulsifier comprises a guar gum composition, and said super absorbent polymer comprises cross-linked sodium acrylate polymer.

12. The composition set forth in Claim 11 wherein:
said filler material comprises a biodegradable material selected from a group consisting of cellulose and wood fiber mulch.

13. The composition set forth in Claim 11 wherein:
said concentrate is provided in dry bulk containers comprising about 75 to 91 percent by weight of hardening agent, 2.5 to 3.0 percent by weight of thickener
5 and emulsifier, and 2.5 to 3.0 percent by weight of super absorbent polymer.

14. The composition set forth in Claim 13 wherein:
said concentrate includes a quantity of
biodegradable dry mulch in the amount of about 0 to 17.5
percent by weight.

15. A liquefied sprayable landfill cover composition
comprising a mixture of a concentrate comprising a Plaster
of Paris hardening agent, a guar gum thickener and
emulsifier and a super absorbent polymer, water and a filler
5 material selected from a group consisting of cellulose and
wood fiber mulch for application as at least temporary cover
for a landfill refuse layer.

16. The composition set forth in Claim 15 including:
a refuse degrading agent.

17. The composition set forth in Claim 15 wherein:
said concentrate is provided in an amount of about
6.0 to 7.3 percent by weight of said mixture.

18. The composition set forth in Claim 15 wherein:
said filler material is provided in an amount of
about 9.0 to 10.4 percent by weight of said mixture.

19. A method of providing an at least temporary cover
for a landfill refuse layer comprising the steps of:
providing a filler material;
providing a concentrate including a hardening
5 agent, an emulsifier and thickener and a super absorbent
polymer;

mixing said concentrate with said filler material
and water to provide a sprayable liquefied composition; and

spraying said composition onto said surface of
10 said refuse layer to provide at least a temporary cover for
said refuse layer.

20. The method set forth in Claim 19 including the
step of:

providing said hardening agent as a Plaster of
Paris composition.

21. The method set forth in Claim 19 including the
step of:

providing said thickener and emulsifier as a guar
gum composition.

22. The method set forth in Claim 19 including the
step of:

providing said super absorbent polymer as a cross-
linked sodium acrylate polymer.

23. The method set forth in Claim 19 including the
step of:

providing said filler material as a biodegradable
material selected from a group consisting of cellulose and
5 wood fiber mulch.

24. The method set forth in Claim 19 including the
step of:

providing said concentrate in dry bulk containers
comprising about 75 to 91 percent by weight of hardening
5 agent, 2.5 to 3.0 percent by weight of thickener and
emulsifier, and 2.5 to 3.0 percent by weight of super
absorbent polymer.